

Claims

1. An anti NC1 monoclonal antibody immunologically responding to type IV collagen NC1 domain in human and/or animal renal glomeruli or its peptide (hereinafter referred to as NC1).
2. An anti NC1 monoclonal antibody immunologically responding to NC1 in glomeruli of human and/or animal nephritis.
3. An anti NC1 monoclonal antibody labeled with a labeled compound which immunologically responds to NC1 in glomeruli of human and/or animal nephritis.
4. A method to detect NC1 in live specimen using the anti NC1 monoclonal antibody as claimed in claim 1.
5. An anti NC1 antibody remover.
6. A NC1 remover.
7. A type IV collagen assay kit using anti type IV collagen antibody prepared from renal type IV collagen antigen.
8. An administration method consisting of higher booster dosing compared to initial dose when booster dose will be applied in manufacturing antibodies or vaccination.
9. A method and reagents using the anti NC1 antibody in live specimen for evaluation of grade of nephritis in disease animal model as index.
10. .An immunohistofluorescent stain method using the anti NC1 monoclonal antibody to aim to stain only the kidney of animal nephritis model or human nephritis but not to stain normal kidneys.